



STATE OF CALIFORNIA

Bid Specification

Light Truck, Pickup Body, 4x2 and 4x4, Less than 10,000-lb. GVWR

1.0 SCOPE

This specification covers the State of California minimum requirements for two-wheel and part time four-wheel drive pickup trucks and cab and chassis models having a Gross Vehicle Weight Rating (GVWR) less than 10,000-lbs. These vehicles will be primarily used to transport people and cargo in the State of California on typical State highways and city/county roads and shall be designed to operate under typical ambient temperatures and weather conditions encountered in the State.

2.0 CLASSIFICATION

Pickup trucks shall be grouped as follows: Table values for Groups I – VII specify pickup trucks equipped with a regular cab, and bed. All pickup beds shall be the straight-side style. **Vehicles offered must meet or exceed these table values as established by group.**

Regular Cab (4x2)	Group I (Mini)	Group II (Mini)	Group III (Full Size)	Group IV (Full Size)	Group V (Full Size)
Wheelbase	108"	108"	119"	130"	130"
Engine Horsepower # Cylinders	N/A 4 (max)	200 HP 5	N/A 8	N/A 8	260 HP 8
GVWR	3,500 lb	4,500 lb	6,000 lb	6,400 lb	8,500 lb
Bed Length (min – max)	5' - 6'	6' - 7'	6' - 6½'	8' - 8½'	8' - 8½'
Minimum Fuel Economy Standard-2008 Combined MPG Rating*	18	(4x2)-17 (4x4)-16	15	15	N/A

Regular Cab (4x4)	Group VI (Full Size)	Group VII (Full Size)
Wheelbase	119"	130"
Engine Horsepower # Cylinders	N/A 8	260 HP 8
GVWR	6,000 lb.	8,500 lb.
Bed Length (min – max)	6' - 6½'	8' - 8½'
Minimum Fuel Economy Standard-2008 Combined MPG Rating*	14	N/A

N/A – Not Applicable

***2008 Combined MPG Rating based on the new 2008 EPA testing methods.**

3.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid form a part of this specification where referenced. Each vehicle delivered shall be fully

compliant with all Federal and State regulations for pickup trucks in effect as of the date of manufacture.

- 3.1 Safety:** Each vehicle delivered shall conform to the Federal Motor Vehicle Safety Standards (FMVSS) and the California Vehicle Code (CVC) requirements for pickup trucks in effect as of the date of manufacture.
- 3.2 Emission Control:** *Each vehicle delivered shall meet all current California Air Resources Board (CARB) emission requirements.* Vehicles having a GVWR of 8,500 lbs. or less shall meet or exceed the Ultra-Low Emission Vehicle I (ULEV I) requirements for pickup trucks as established by the California Air Resources Board (CARB) as of the date of the bid opening.

4.0 REQUIREMENTS

- 4.1 General:** *Each vehicle shall be new (unused), current production. Each vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature unless specifically deleted as stated in this specification or Invitation for Bid. Optional equipment necessary to meet the minimum requirements of this specification shall be installed.*

Navigation systems, satellite radio systems and entertainment/communication/cell phone systems offered as standard equipment by the manufacturer are not required and may be deleted (e.g. Onstar).

- 4.2 Engine:** *The engine shall be designed to operate on regular (87 octane) unleaded gasoline.*

Vehicles with a GVWR of 8,500-lb. or more (groups V & VII) may be ordered with the manufacturer's optional diesel fueled engine in lieu of the gasoline fueled engine specified. ***The diesel fueled engine option will be specified on the purchase order.***

- 4.3 Cooling System:** The cooling system shall be a liquid pressurized, forced circulation type. A coolant recovery system shall be furnished. The cooling systems shall provide protection from ambient temperatures ranging from ***0°F to 120°F.***
- 4.4 Electrical Equipment:** Each vehicle shall be equipped with a 12-volt electrical operating system designed to handle the load requirements of the vehicle equipped ***with the specified options.***
- 4.5 Transmission/Driveline:** Each vehicle shall be equipped with the manufacturer's standard automatic-overdrive transmission and shall include the manufacturer's standard transmission cooler.
- Vehicles requiring a four-wheel-drive (4x4) configuration shall be specified at the IFB line item description. Four-wheel-drive models shall be equipped with manual or automatic locking front wheel hubs and a part time transfer case with manual or automatic engagement to provide power transfer to the front and rear wheels. The transfer case shall be the two-speed, hi-low type.***
- 4.6 Steering:** *Each vehicle shall include the manufacturer's standard power-assisted steering.*
- 4.7 Brakes:** Each vehicle shall be equipped with manufacturer's standard power assisted service brakes with a four wheel, electronic anti-lock brake system (ABS).
- 4.8 Wheels and Tires:** Each vehicle shall be equipped with the OEM's standard tubeless type radial tires mounted on OEM approved rims. Tires shall be the OEM's recommended tread design for the type of vehicle ordered. As a minimum, all tires shall be the all-season tread design and labeled for

Mud and Snow (M/S) service. All **“on ground”** tires and wheels shall be identical (i.e. no cross brands or models). Each vehicle shall be equipped with a full-size spare tire and wheel mounted and secured on a production-type carrier. **Vehicles ordered as a cab and chassis configuration shall include a full-size spare tire and wheel mounted and secured on a production type carrier.**

Rear tire clearance shall be adequate for normal operation of the vehicle when loaded to capacity and equipped with winter anti-skid chains or cables. Vehicles ordered in a four-wheel-drive configuration do not require rear tire anti-skid chain or cable clearance.

4.9 Axles/Springs/Frame: As required for vehicle GVWR. **Front and rear axle ratings shall be provided to the ordering agency prior to purchase order.**

4.10 Trailer-Towing Package Option: **A trailer-towing package may be ordered by the agency for pickups in Groups III, IV, V, VI, and VII.** Vehicles equipped with a trailer-towing package shall include a frame mounted, 2-inch receiver type hitch and a 7-wire, trailer electrical harness. The hitch shall be rated as a SAE class III hitch. A receiver insert, ball, and trailer electrical plug are not required.

If the vehicle is equipped with a trailer-towing package, the vehicle shall be equipped with the maximum cooling system available from the manufacturer and an auxiliary air to oil transmission cooler.

4.11 Four Wheel Drive Equipment: **Vehicle line items bid** in a four-wheel-drive configuration shall be equipped with the manufacturer's standard (or optional) front tow hooks, limited slip rear differential, and maximum skid plate package available. Mini trucks do not require front tow hooks.

4.12 Fuel Tank: Each vehicle shall be equipped with the manufacturer's standard fuel tank.

4.13 Air Conditioning: **Each vehicle shall be equipped with the manufacturer's standard, factory installed, CFC free, dehumidifying/all weather air-conditioner.**

4.14 Body/Cab: The vehicle shall be the pickup straight-side type with an enclosed steel cab. All pickup boxes shall be double-wall construction. **Each vehicle shall be equipped with the manufacturer's standard front bumper and the manufacturer's standard rear step-type bumper.**

The IFB line item description shall specify the vehicles with a GVWR of 8,500-lb. or more (Groups V & VII) to be ordered as a cab and chassis configuration in lieu of the pickup configuration. Vehicles ordered as a cab and chassis configuration do not require a rear bumper.

The IFB line item description shall specify the cab configuration. Regular cab, extra cab or crew cab configurations are defined as follows:

- A regular cab vehicle shall be equipped with 2 doors and seating for 2-3 adults.
- An extra cab vehicle shall be equipped with rear seat(s), 3 or 4 door configuration and seating for 4 - 5 adults. Rear door(s) are typically less than full size.
- A crew cab vehicle shall be equipped with 4 full-size doors with center post that can open independently, allow egress of the rear passengers without disturbing the front passenger/driver and seating positions for 5 - 6 adults. **Rear passenger leg room shall not be less than 38.70”.**

4.15 Exterior Color: *The exterior color shall be selected from the manufacturer's published listing of factory available colors. The agency will identify the paint color and scheme on the purchase order. If the exterior color is not specified, the default color shall be white.*

4.16 Interior/Seat Upholstery: The interior color shall be the manufacturer's standard color supplied with the exterior color specified on the order.

Groups I, II, III, IV, and VI: Seat upholstery shall be all cloth.

Groups V and VII: Seat upholstery shall be vinyl with cloth inserts, vinyl/weave or all cloth. Extra cab vehicles may be equipped with a vinyl rear seat(s) if cloth is not available.

4.17 Miscellaneous Equipment: The following items, supplementing if necessary those items already cataloged as standard equipment, shall be furnished and in place.

- Multi-speed fresh air ventilator with heater and windshield defogger system.
- Seat belts for all seating positions.
- Folding seat back.
- Full floor covering.
- Sun visors for driver and front passenger positions.
- Dome light, activated by each door.
- Inside hood release.
- Right and left side exterior rear view mirrors shall be manufacturer's standard.
- Inside rearview mirror, day/night.
- Manufacturer's standard AM/FM radio with antenna.
- ***Two speed and intermittent windshield wipers; windshield washer.***
- ***Tilt steering wheel.***
- ***12-Volt DC power outlet in front compartment.***
- Cruise Control
- Standard tool kit including wheel-changing tools and jack adequate to safely lift the vehicle when loaded to rated capacity, cab and chassis included.